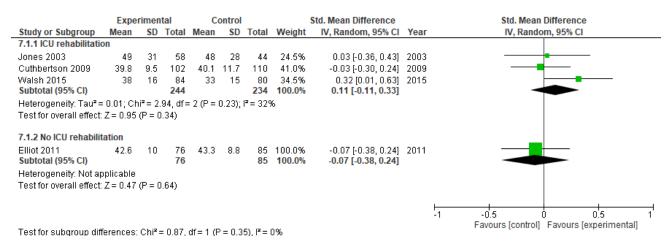
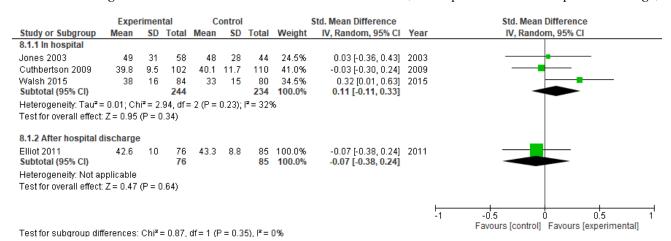
# Online supplementary file 7: Subgroup analysis

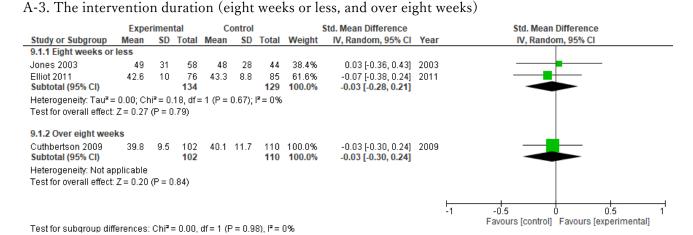
### A Quality of life: physical component summary

# A-1 Rehabilitation practice in ICU (ICU rehabilitation before randomisation vs No ICU rehabilitation before randomisation)



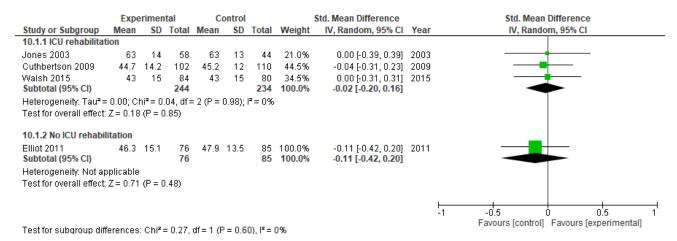
#### A-2 The timing of the commencement of the intervention (in hospital vs after hospital discharge)



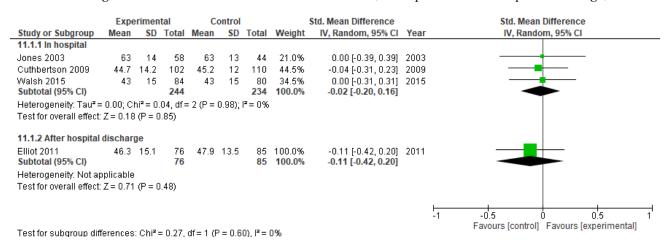


# B Quality of life: mental component summary

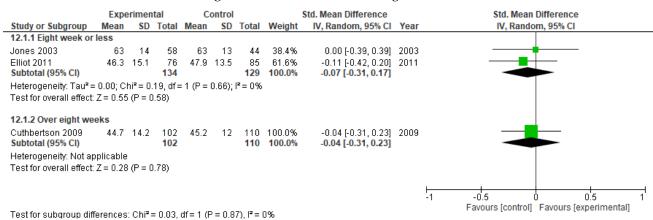
# B-1. Rehabilitation practice in ICU (ICU rehabilitation before randomization vs No ICU rehabilitation before randomization)



### B-2. The timing of the commencement of the intervention (in hospital vs after hospital discharge)



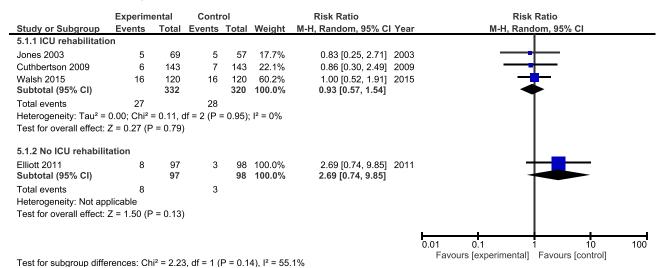
#### B-3. The intervention duration (eight weeks or less, and over eight weeks)



We converted median (inter quartile range) of QOL score in Walsh's study to mean (standard deviation).

#### C Long term mortality

# C-1. Rehabilitation practice in ICU (ICU rehabilitation before randomization vs No ICU rehabilitation before randomization)



C-2 The timing of the commencement of the intervention (in hospital vs after hospital discharge)

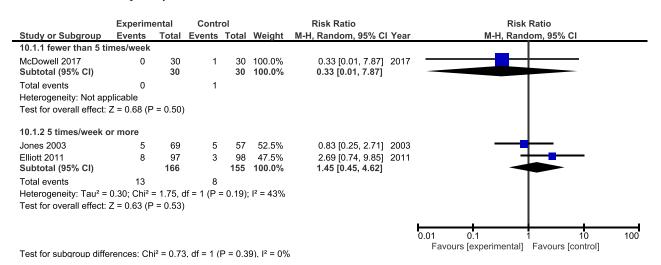
	Experim	ental	Contr	ol		Risk Ratio	Risk Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI Yea	r M-H, Random, 95% CI	
7.1.1 in hospital								
Jones 2003	5	69	5	57	17.7%	0.83 [0.25, 2.71] 2003	3	
Cuthbertson 2009	6	143	7	143	22.1%	0.86 [0.30, 2.49] 2009	)	
Walsh 2015 Subtotal (95% CI)	16	120 <b>332</b>	16	120 <b>320</b>	60.2% <b>100.0</b> %	1.00 [0.52, 1.91] 2015 <b>0.93 [0.57, 1.54</b> ]	5	
Total events	27		28					
Heterogeneity: Tau <sup>2</sup> =	0.00; Chi <sup>2</sup>	= 0.11, 0	df = 2 (P =	= 0.95);	$I^2 = 0\%$			
Test for overall effect:	Z = 0.27 (F	9 = 0.79)	,	ĺ				
7.1.2 after hospital di	ischarge							
Elliott 2011	8	97	3	98	74.7%	2.69 [0.74, 9.85] 2017	· -	
McDowell 2017 Subtotal (95% CI)	0	30 <b>127</b>	1	30 <b>128</b>	25.3% <b>100.0</b> %	0.33 [0.01, 7.87] 2017 <b>1.59 [0.27</b> , <b>9.45</b> ]		
Total events	8		4					
Heterogeneity: Tau <sup>2</sup> =	0.67; Chi <sup>2</sup>	= 1.44, 0	df = 1 (P =	= 0.23);	$I^2 = 31\%$			
Test for overall effect:				,				
Toot for outbaroup diffe	oronooo. Ch	.:2 - 0 2	1 45 - 1 ()	D = 0 5	9) 12 - 00		0.01 0.1 10 1 Favours [experimental] Favours [control]	100

Test for subgroup differences: Chi<sup>2</sup> = 0.31, df = 1 (P = 0.58),  $I^2 = 0\%$ 

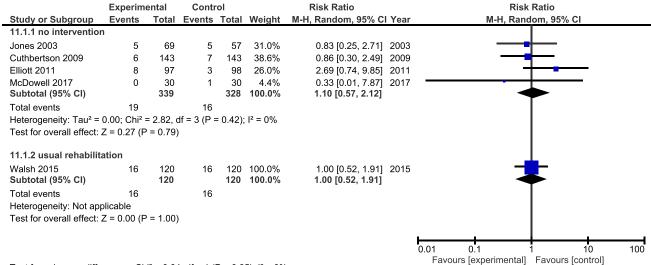
#### C -3. The intervention duration (8 weeks or less, and over 8 weeks)

	Experime	ental	Contr	ol		Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	Year M-H, Random, 95% CI
9.1.1 8 weeks or less							
Jones 2003	5	69	5	57	48.2%	0.83 [0.25, 2.71] 2	2003
Elliott 2011	8	97	3	98	42.6%	2.69 [0.74, 9.85] 2	2011
McDowell 2017	0	30 <b>196</b>	1	30 <b>185</b>	9.2% <b>100.0%</b>	0.33 [0.01, 7.87] 2 1.26 [0.47, 3.38]	2017
Subtotal (95% CI) Total events	13	190	9	100	100.0%	1.20 [0.47, 5.36]	
Heterogeneity: Tau <sup>2</sup> = 0	0.16; Chi <sup>2</sup> =	= 2.49, 0	df = 2 (P =	0.29);	$I^2 = 20\%$		
Test for overall effect: 2	Z = 0.45 (P	= 0.65)	,	,			
9.1.2 over 8 weeks							
Cuthbertson 2009 Subtotal (95% CI)	6	143 <b>143</b>	7	143 <b>143</b>	100.0% <b>100.0</b> %	0.86 [0.30, 2.49] 2 <b>0.86 [0.30, 2.49]</b>	2009
Total events	6		7				
Heterogeneity: Not app	licable						
Test for overall effect: 2	Z = 0.28 (P	= 0.78	ı				
							0.01 0.1 1 10 100
Test for subgroup differ	rences: Ch	i² = 0.27	7, df = 1 (I	⊃ = 0.6	1), I <sup>2</sup> = 0%		Favours [experimental] Favours [control]

### C-4 Treatment frequency (fewer than 5 times/week vs 5 times/week or more)



#### C-5 Type of control (no intervention and usual rehabilitation)



Test for subgroup differences:  $Chi^2 = 0.04$ , df = 1 (P = 0.85),  $I^2 = 0\%$